CLAIMS

What is claimed is:

1. Automatically calculating supplier/vendor scores and payable due dates by material delivery inspection relates to a method applying to the quality inspection system of material

5 supply in manufacturing industry. It proceeds the whole management and control of material supplies of the vendor ends through an Enterprise Resource Planning (ERP) server. Calculation through the Enterprise Resource Planning (ERP) server to timely handle material supply quality, reduce the risk of a glut in inventory. The disclosed method at least includes the following steps :

10 Receiving at least one message of storing at least one material in a facility through the Enterprise Resource Planning (ERP) server;

Issuing a receiving order by the facility according to received material;

Calculating the accommodation check period of the supplier/vendor based on the receiving order through the Enterprise Resource Planning (ERP) server; and

15 Proceeding payment from the enterprise end to the supplier/vendor end.

2. The invention as recited in claim 1, wherein the facility is categorized based on production requirements of different product prototypes to execute work orders received by the enterprise end.

3. The invention as recited in claim 1, wherein the material is categorized based on

20 attributes of different materials.

4. The invention as recited in claim 1, wherein the receiving order is the receipt of total amounts of material supply acceptance from the vendor. It provides at least a column to store various numbers of the material records.

5.	The invention as recited in claim 1, wherein the steps of calculating the accommodation check period of the supplier/vendor based on the receiving order through the Enterprise Resource Planning (ERP) server further includes the following steps,

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Calculating receiving status of a material through the Enterprise Resource Planning (ERP) server and giving a parameter,

Utilizing various numbers in specific formula and generating score for accommodation check period of the material; and

Generating payable due date of the supplier/vendor according to a checklist.

6.	The invention as recited in claim 5, wherein the parameter is determined by the

10	difficulty of material process, and can be rectified based on material receiving reports from the supplier/vendor.

7.	The invention as recited in claim 5, wherein specific formula is to assess material supply quality of the supplier/vendor through a base score deducts a defect score to generate result. It consists at least of the following variables :

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A rejects batches : is the total amount of material returned from the enterprise end back to the supplier/vendor 10 in one month.

Batches of special acceptance : is the total amount of acceptable materials from the enterprise end back to the supplier/vendor 10 in one month.

Delivery batches : is the total amount of material acceptance at the enterprise end

20	in one month.

8.	The invention as recited in claim 7, wherein the base score is determined by the enterprise.

9.	The invention as recited in claim 7, wherein the defect score is the product of the

parameter multiplied by an inspecting number.

10. The invention as recited in claim 9, wherein the inspecting number is the result of multiplying the rejects batches by 100 add to the sum of multiplying the batches of special acceptance by 40 to divide the delivery batches.

5   11. The invention as recited in claim 5, wherein the score-bill checklist is determined by the enterprise. It is to transfer supplier/vendor scores to an accommodation check period and on the basis of contract renewal assessment through the Enterprise Resource Planning (ERP) server.